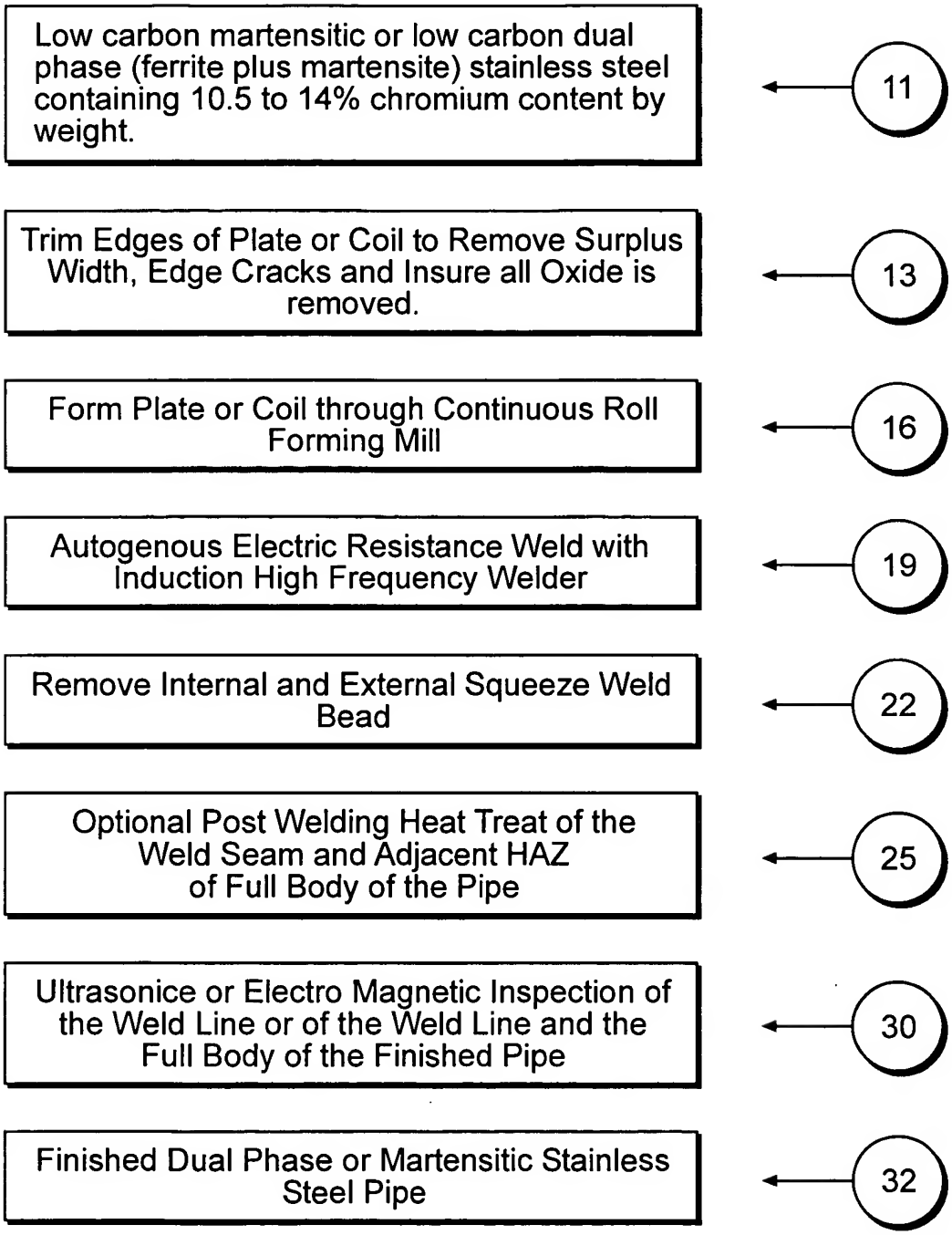


Fig. 1

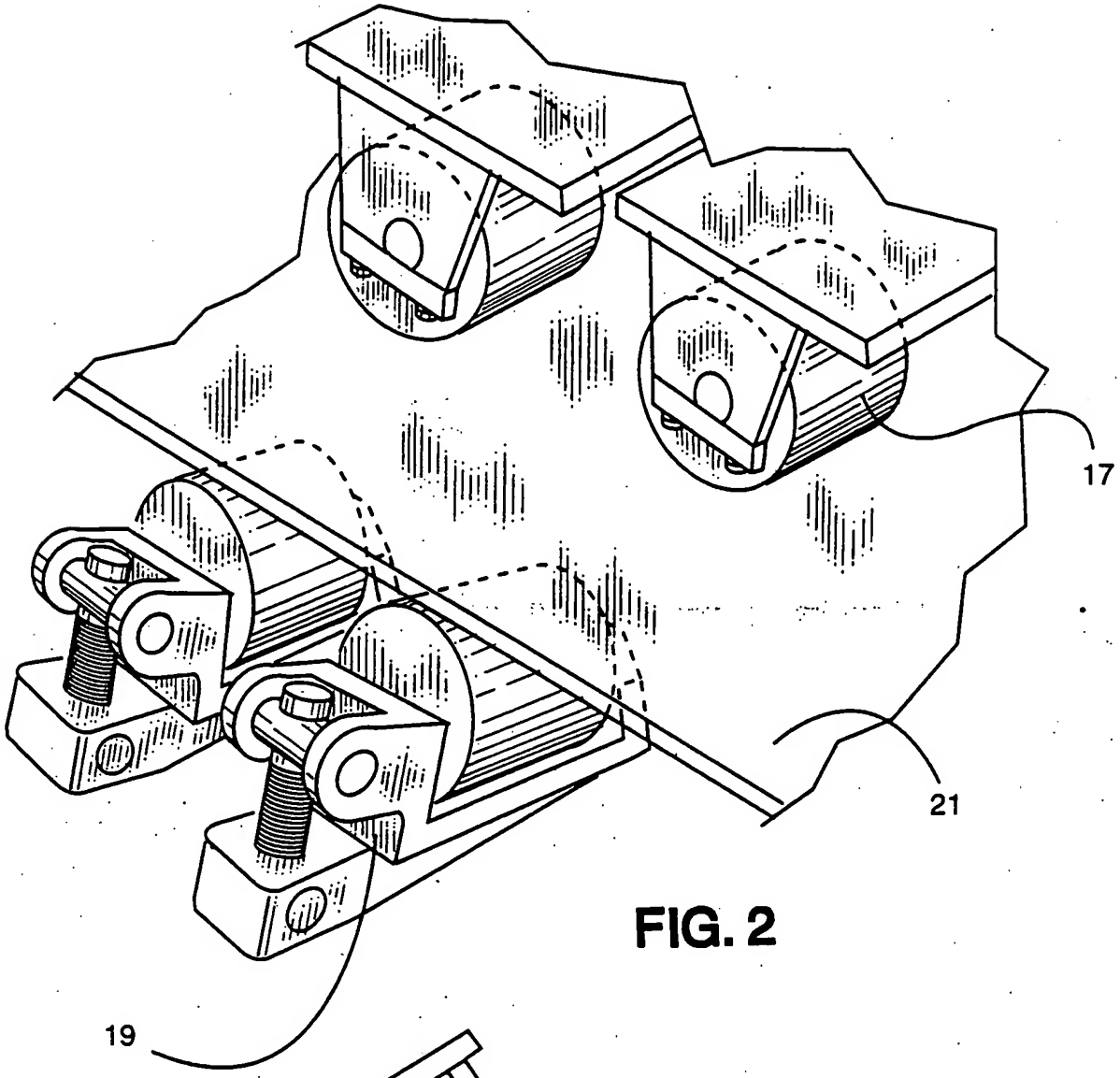


FIG. 2

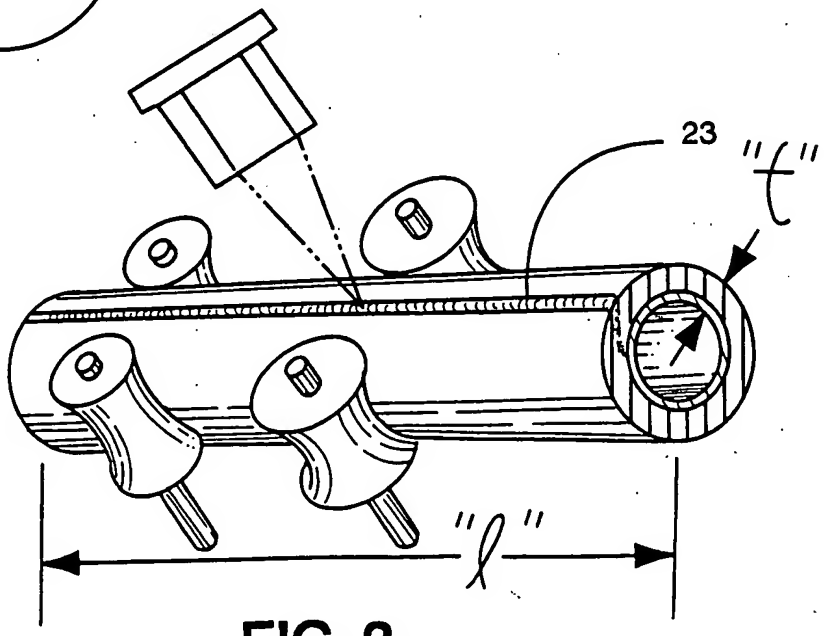
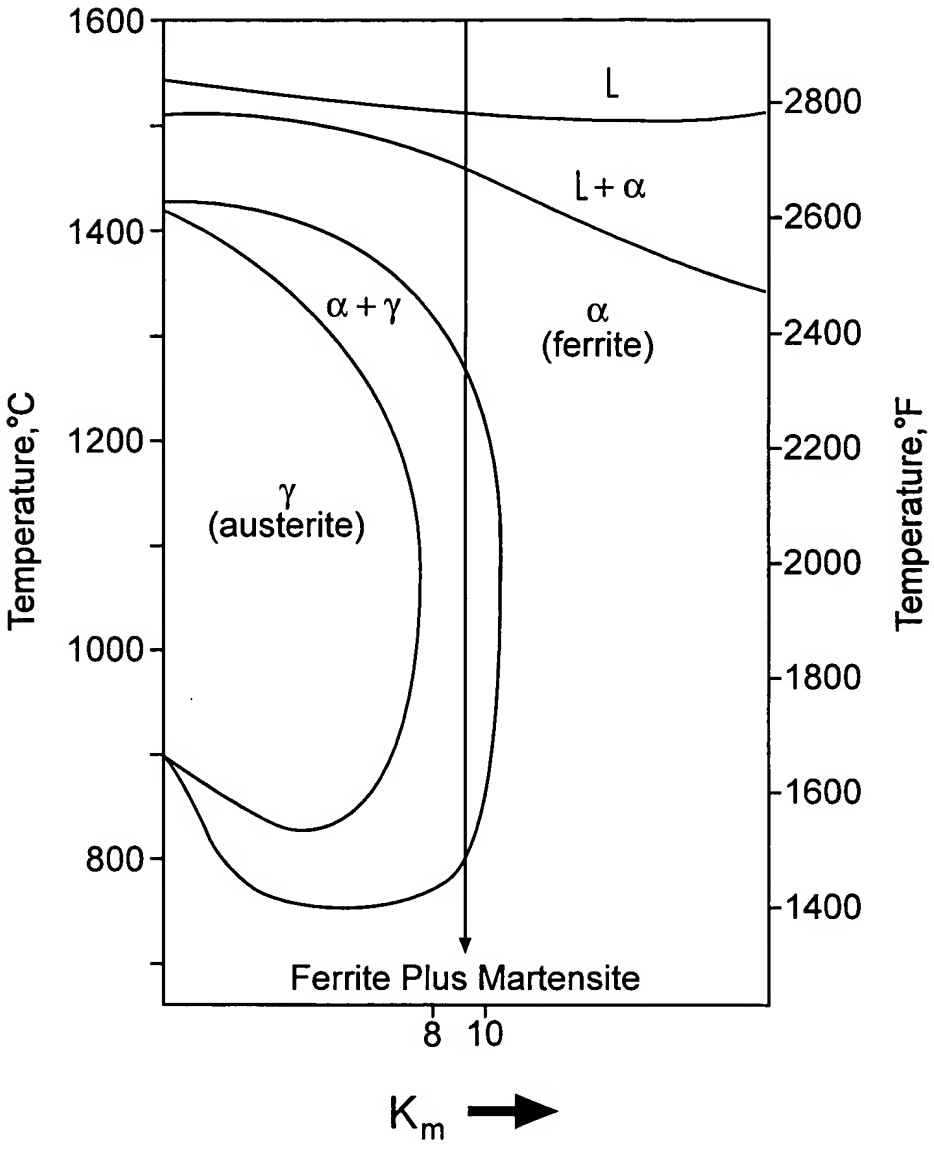


FIG. 3



Chemical Balance For Dual Phase Microstructure

$$K_m = Cr + 6\,Si + 8\,Ti + 4\,Mo + 2\,Al - 2\,Mn - 4\,Ni - 40\,(C+N) - 20\,P - 5\,Cu$$

Fig. 4